



# hf Happenings 870

Volume 19, Issue 27, the week of 21 October 2019

HF Happenings from [www.sarl.org.za/hf\\_happenings.asp](http://www.sarl.org.za/hf_happenings.asp)

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

Zone 38 Award and others <https://zone38award.wordpress.com/>

Worldwide List of HF Beacons <https://iaruhfbacons.wordpress.com/>

5 MHz (60 metre) allocations <http://www.sarl.org.za/public/contests/contestrules.asp>



## HRH Princess Elisabeth 18th Birthday Award

At the occasion of the 18th birthday of HRH Princess Elisabeth, the UBA is offering a commemorative award for working special event stations aired between 25 October and 25 December 2019. During this two month period, the UBA will activate the special event station OROYAL (which can be read as O Royal). Furthermore, over 30 club stations using the special prefix OR18 will be on the air. Individual amateurs may replace their regular ON into OR during this celebration period.

A commemorative award will be offered in four classes: Bronze - 30 points; Silver - 50 points; Gold - 70 points and Platinum - 110 points.

Each OR18 station as well as OROYAL counts two points on the first band worked and one additional point on every additional band worked. Example: OR18UBA worked on both 80 and 40 m + OR18DIG worked on 160, 80, 17 and 2 m + OROYAL worked on 30 m makes ten points in total).

Contacts made on the same band but in different modes do not count separately. No band or mode restrictions nor any endorsements. Please note that, however you are encouraged to do so, contacting Belgian stations other than OROYAL and the OR18 club calls do not get you any points towards the certificate.

Log search and award applications should be made via <https://or0yal.be/>. Note that this webpage will only be available during the timeframe of the event.

List of OR18 stations: OR18AAA, OR18BDX, OR18BXE, OR18CRD, OR18DIG, OR18DST, OR18ERA, OR18GTM, OR18HCC, OR18KTK, OR18LGE, OR18LLV, OR18LUS, OR18LVN, OR18MCL, OR18MLB, OR18NBT, OR18NOK, OR18NOL, OR18ONZ, OR18OSA, OR18OSB, OR18OST, OR18PHI,

## October

- 21 – the closing date for QRP and the AWA Valve QSO Party logs
- 24 – United Nations Day (1945) and the closing date for the November Radio ZS
- 26 and 27 – CQ WW DX SSB Contest; the International Kite Festival in Cape Town
- 27 - PEARS HF contest; Deepavali
- 28 – the start of WRC-19 in Sharm el Sheikh – SU8WRC
- 31 – World Cities Day

## November

- 2 - RaDAR Challenge; Pretoria ARC Flea Market
- 3 - National Sandwich Day
- 7 - National Men Make Dinner Day
- 9 and 10 - SARL VHF/UHF Analogue contest
- 10 – Remembrance Sunday
- 11 - Armistice Day; Closing date for RaDAR logs
- 14 - World Diabetes Day
- 16 - International Tolerance Day
- 18 - Closing date for PEARS HF logs
- 19 - Highway ARC Monthly Meeting
- 20 - SARL Wednesday 80 m Club Sprint
- 21 to 23 – Ficksburg Cherry Festival
- 22 - Closing date for December Radio ZS; Darling Scarecrow Festival (until 1 Dec)
- 23 - SARL Newbie Sprint
- 23 and 24 - CQ WW DX CW contest
- 30 - West Rand Flea Market

OR18RAT, OR18RSX, OR18SNW, OR18TLS, OR18TRA, OR18TRC, OR18TWS, OR18UBA, OR18WLD, OR18WRA, OR18WTO and OR18ZTM.

(Thanks to Egbert Hertsen, ON4CAS for the information.)

### HF Happenings Mailing List

The Yahoo HF Happenings mailing list has been closed. From this issue (870), HF Happenings will be mailed via the Groups.io mailing list.

### The CQ WW DX SSB Contest Next Weekend

The CQ WW is the largest Amateur Radio competition in the world. Over 35 000 participants take to the airwaves on the last weekend of October (SSB) and November (CW) with the goal of making as many contacts, with as many different DXCC entities and CQ Zones, as possible.

The CQ WW DX SSB Contest runs from 00:00:01 UTC on Saturday 26 October to 23:59:59 UTC on Sunday 27 October with activity on 160 to 10 meters. The exchange is an RS report and your CQ Zone. For South Africa, that is Zone 38. Find all the information about this contest at [www.cqww.com/rules.htm](http://www.cqww.com/rules.htm)

### 60 Metres in Portugal

Jose, CT1EEB reports that, "I have been noticing that several stations have been using the 60 m band in Portugal using their own CEPT License.

The use of 5 MHz is only authorized in Portugal with a special authorization from ANACOM due to the fact that the band is shared with the military. The WRC-15 frequencies and the still authorized older frequencies of 5 288.5, 5 371.5, 5 380.5 and 5403.5 are not included in the CEPT privileges in this country. This is valid for CT8, Azores and CT9, Madeira, as well.

So, all stations signing CT7/xxxxx/p are not legally transmitting on 5 MHz and might cause ANACOM to act, unless they got the permit to do so.

### African DX

*Contacts with stations on the African continent count towards the SARL's All Africa Award*  
([www.sarl.org.za/public/awards/awards.asp](http://www.sarl.org.za/public/awards/awards.asp))

Mauritania, 5T. Johannes, 5T5PA (SSB and some FT8) and Evert, 5T2KW (CW) will be active "from a special location" in Mauritania between 19 and 26 October. Their main focus will be on the low bands (160, 80, 60 and 40 m).

They will setup separate verticals for 80 m and 160 m, delta loops for 60 m and 40 m, and three receiving Beverages in the direction of JA/EU, NA and SA/VK/ZL. QSLs via LoTW and Club Log's OQRS.



Egypt, SU8. Members of the Egyptian Radio Amateurs Society for Development (ERASD) will be active as SU8WRC from Sharm el Sheikh between 28 October and 22 November during the World Radiocommunication Conference (WRC-2019). Activity will be on various HF bands. QSL via OH2BH.

Egypt, SU8. Members of the Egyptian Radio Amateurs Society for Development (ERASD) and Radio Arcala from the World Radiocommunication Conference (WRC-2019) will be active as SU8X from Sharm El Sheikh during the CQ WW DX SSB Contest (26 and 27 October) as a Multi-Op entry. QSL via OH2BH

Tunisia, 3V8. Operator SWL Ashraf "Ash", 3V4-002 (KF5EYY) will be active as 3V8SS from the Radio Club Station of Tunisian Scouts in Sousse during the CQ WW DX SSB Contest (26 and 27 October) as a Single-Op/All-Band/Low-Power entry. QSL via LoTW or LX1NO. Read about Ashraf on the following Web page at <http://www.kf5eyy.info>

Somalia, 6O. Ali, EP3CQ, will once again be active as 6O1OO starting 22 October for one month. Activity will be limited to his spare time because he works for the UN Department of Safety and Security (UNDSS) in Mogadishu. Operations are usually on 80, 40, 30, 20, 17, 15, 10 and 6 metres (mostly on 40/20 metres FT8) using SSB and FT8. Ali states that he has updated his QRZ.com page and is looking for some equipment donations. He posted the following on his QRZ.com page, "Due to the harsh weather conditions super (hot, humid, windy and, salty) there is a necessity to change the equipment antennas, wires, UPS and defect RF units (due to overheating), I need and rely on your donations to keep the station running. Sponsors and equipment donors, please contact me (EP3CQ) directly."

Reminder: Effective as of 11 February 2019, the call sign, 6O1OO, has been accepted for DXCC credit. QSL direct to Ali Solhjoo, Schnackenburgstr 3, Berlin 12159, Germany. QSL cards will be replied to on a bi-monthly basis. IRC's are not accepted. See QRZ.com for more info and picture of his station. Flash news will be posted via Twitter: @ep3cq

Morocco, CN3. Robert, 9A5E, Petar, 9A6A, Stefano, IK2QEI, Matteo, IK2SGC, Davide, IZ2ZOT, Jaroslava, OK1ARI, Jiri, OK1DO, Petr, OK1FFU, OK1JTK, Jiri, OK1RI, Vaclav, OK1VVT, Norbert, OM6NM, Spiros, SV8CS and Anna, SV8NAC will be active as CN3A from Safi during the CQ WW DX SSB Contest (26 and 27 October) as a Multi-Multi entry. QSL via LoTW or via IK2OHG. Visit their Web page at <http://www.facebook.com/pages/CN3A/112969535390789>

Ceuta And Melilla, EF9. Jorge, EA9LZ, will be active as EF9Z from Ceuta during the CQ WW DX CW Contest (26 and 27 October) as a Single-Op entry. QSL via LoTW and EA5KB.

Rwanda, 9X. Harald, DF2WO will be active again as 9X2AW from Kigali, Rwanda between 4 and 16 November. He will operate CW, SSB, RTTY and FT8. QSL via M0OXO's OQRS and LoTW.

Morocco, CN. Special call sign CN44MS will be active between 1 and 12 November from Tan-Tan, Morocco to celebrate the 44th anniversary of the so-called Marche Verte (Green March). QSL via RW6HS.

Burkina Faso, XT. Al, F8FUA, will once again be active as XT2BR, from Ouagadougou, Burkina Faso; dates to be announced (possibly sometime in December). He will use an Elecraft K3 with 100 watts into a hexbeam and dipoles, operating on CW, SSB, RTTY and FT8 (DXpedition mode) if possible. Log will be updated when possible depending on his Internet access. QSL direct (with SAE and 2 USDs) or via the REF QSL Bureau. After his operation, Al will upload his log to LoTW.

### **African Islands**

IOTA Frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Ascension Island, ZD8. Steve, WB4GHY, is once again active as ZD8SC from Ascension Island (AF-003) until 11 November. He is there for his usual work detail. Activity will be on 80 to 10 metres using SSB, FT4 and FT8 with an IC-7000 w/100 watts into a directional antenna. QSL via WB4GHY or LoTW.



Seychelles, S7. Martin, OK1FZM and XYL Lenka, OK1WZM will be active as S79ZM from Seychelles between 18 and 31 October. They will operate during the first week from Mahe Island (AF-024) and the second week from Praslin Island (AF-024). Activity will be holiday style on 80 to 10 metres using CW and SSB. Martin will do all of the CW. Depending on conditions, they may be in the CQ WW DX

SSB Contest (26 and 27 October). QSL via OK1FZM, direct or by the Bureau. All QSLs will be sent out via the Bureau. NO LoTW or ClubLog.

Comoros, D68. Members of the Mediterraneo DX Club (MDXC) will be active as D68CCC from Comoros Island (AF-007) between 21 October and 2 November. Activity will be on 160 to 10 metres, including 30, 17 and 12 m, using CW, SSB, RTTY and FT8. QSL via IK2VUC, by the Bureau, direct or OQRS. For more details and updates, see <http://www.mdxc.org/d68ccc>. Also, their Facebook page <https://www.facebook.com/d68ccc>

Tanzania, 5H. Alex K2BB, Serge RT5D, Serge US7UX, Alex UT7UV and Paul UU0JR will be active as 5H3UA from Zanzibar Island (AF-032), Tanzania between 16 and 28 November, CQ WW DX CW Contest included. They will be active on 160 to 10 metres SSB, CW and FT8; additionally, they will also operate JT65 EME on 6 and 2 metres as 5H3EME, including participation in the ARRL EME Contest on 16 and 17 November. QSL via Club Log's OQRS; the logs will be uploaded to LoTW in 6 months after the DXpedition. See <http://5h3eme.com/> for more information.

Madagascar, 5R. Hiro, JF1OCQ as 5R8VX and Kuni, JA8VE as 5R8KU will be active from Nosy Be (AF-057), Madagascar between 12 and 25 November. They will operate SSB, CW and digital modes on the HF bands. QSL 5R8VX via JF1OCQ, QSL 5R8KU via JA8VE.

Mauritius, 3B8. It would seem that the call sign has been changed for the upcoming CQ WW DX CW Contest (23 and 24 November) Multi-Multi operation from Mauritius (AF-049). Look for operators to sign 3B8M (not 3B8MU as first announced). Operators mentioned are Olof, G0CKV, David, K1ZZ, Denny, KX7M, Rich, N6AA, Martin, N6VI and Arthur, W6XD. Look for activity before and after the contest on the low bands. QSL via LoTW or M0OXO. The team is expected to be there between 18 and 29 November. No other details were provided.

Canary Islands, EA8. David, OK1DTP, will be active as EA8/OL5D from Fuerteventura Island, Canary Islands (AF-004), between 21 and 28 November. Activity will include the CQ WW DX CW Contest (23 and 24 November) as a Single-Op/Single-Band (80 m)/Low-Power entry. QSL via OK1DTP.

Canary Islands, EA8. Vlada, OK1CW, will be active as EA8/OK1A from Fuerteventura Island, Canary Islands, between 21 and 28 November. Activity will include the CQ WW DX CW Contest (23 and 24 November) as a Single-Op/Single-Band (15 m)/Low-Power entry. QSL via OK1CW.

Canary Islands, EA8. Jarda, OK2GG, will be active as EA8/OK2GG from Fuerteventura Island, Canary Islands, between 21 and 28 November. Activity will include the CQ WW DX CW Contest (23 and 24 November) as a Single-Op/Single-Band (40 m)/Low-Power entry. QSL via OK2GG.

### Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 21 to 28 October 2019

Illinois QSO Party  
17:00 UTC 20 October to 01:00 UTC 21  
October  
Geographic Focus: United States/Canada  
state/province QSO party  
Participation: Worldwide  
Mode: CW/digital, Phone  
Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Fixed - high or low; Mobile; Portable;  
Rover; Non-IL - high or low  
Max power: HP: >200 watts; LP: 200 watts  
Exchange: IL: RS(T) and County; non-IL: RS(T)  
and state, province or country  
Work stations: Once per band per mode per  
county



QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Multipliers: IL Stations: Each IL county, state, VE province once; IL Stations: Each DXCC country (max of 5) once; non-IL Stations: Each IL county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 November 2019

E-mail logs to: [n9jf@arrl.net](mailto:n9jf@arrl.net)

Mail logs to: WIARC, PO Box 3132, Quincy IL 62305-3132, USA

Find rules at:

[www.w9awe.org/ILQP%202019%20Rules.pdf](http://www.w9awe.org/ILQP%202019%20Rules.pdf)

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 21 October

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 October 2019

E-mail logs to: (none)

Upload log at:

<http://qrpcontest.com/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://qrpcontest.com/pigrun/>

ARRL School Club Roundup

13:00 UTC 21 October to 23:59 UTC 25 October

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW, Phone, RTTY/Digital

Bands: All, except 60, 30, 17, 12 m

Classes: Single Op (I); Non-School Club (C);

School Club/Group (S)

Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes

Exchange: RS(T), class (I/C/S) and state, province or country

Work stations: Once per mode

QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO

Multipliers: States and VE provinces and DXCC countries and (2 x class C QSOs) and (5 x class S QSOs)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 9 November 2019

Post log summary at:

<http://contests.arrl.org/arrlscrscoresubmission.php>

Mail logs to: School Club Roundup, c/o LIMARC, PO Box 392, Levittown, NY 11756, USA

Find rules at: <http://www.arrl.org/school-club-roundup>

Telephone Pioneers QSO Party

18:00 - 19:00 UTC 21 October (Digital Only) and 19:00 UTC 21 October to 03:00 UTC 22 October (All Modes)

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, VHF/UHF

Classes: (none)

Exchange: Members: RS(T), chapter no and name; non-Members: RS(T) and name

Work stations: Once per band per mode

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Chapter numbers once per mode

Score Calculation: Total score = (CW/Dig QSO points x CW/Dig mults) and (Ph QSO points x Ph mults) and bonus points

Submit logs by: 10 December 2019

E-mail logs to: [n6tpjim@gmail.com](mailto:n6tpjim@gmail.com)

Mail logs to: Jim Muter, 4233 Wooster Ave., San Mateo, CA, 94403, USA

Find rules at: <http://www.tpqso.com/wp-content/uploads/2019/07/TPQSO-Announcement-2019.pdf>

SKCC Sprint: 00:00 - 02:00 UTC 23 October

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW  
 Bands: 160, 80, 40, 20, 15, 10 m  
 Classes: (none)  
 Exchange: RST, state, province or country, name and SKCC no or power  
 Work stations: Once per band  
 QSO Points: (see rules)  
 Multipliers: Each state, province, or country once  
 Score Calculation: Total score = (total QSO points x total mults) and bonus points  
 Submit logs by: 23:59 UTC 25 October 2019  
 E-mail log summary to: (none)  
 Post log summary at:  
[http://www.skccgroup.com/operating\\_activities/weekday\\_sprint/submit-display.php](http://www.skccgroup.com/operating_activities/weekday_sprint/submit-display.php)  
 Mail logs to: (none)  
 Find rules at:  
[http://www.skccgroup.com/operating\\_activities/weekday\\_sprint/](http://www.skccgroup.com/operating_activities/weekday_sprint/)

Phone Fray  
 02:30 - 03:00 UTC 23 October  
 Geographic Focus: North America  
 Participation: Worldwide  
 Mode: SSB  
 Bands: 160, 80, 40, 20, 15 m  
 Classes: Single Op  
 Max power: 100 watts  
 Exchange: NA: Name and state, province or country; non-NA: Name  
 Work stations: Once per band  
 QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
 Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 03:00 UTC 25 October 2019  
 E-mail logs to: (none)  
 Post log summary at:  
<http://www.3830scores.com>  
 Mail logs to: (none)  
 Find rules at:  
[http://www.perluma.com/Phone\\_Fray\\_Content\\_Rules.pdf](http://www.perluma.com/Phone_Fray_Content_Rules.pdf)

CWops Mini-CWT Test

13:00 - 14:00 UTC 23 October and 19:00 - 20:00 UTC 23 October and 03:00 - 04:00 UTC 24 October  
 Geographic Focus: Worldwide  
 Participation: Worldwide  
 Awards: Worldwide  
 Mode: CW  
 Bands: 160, 80, 40, 20, 15, 10 m  
 Classes: Single Op - QRP, low or high  
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
 Exchange: Member: Name and member no; non-Member: Name and state, province or country  
 Work stations: Once per band  
 QSO Points: 1 point per QSO  
 Multipliers: Each call once  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 04:00 UTC 26 October 2019  
 Post log summary at:  
<http://www.3830scores.com>  
 Mail logs to: (none)  
 Find rules at: <https://cwops.org/cwops-tests/>

RSGB 80 m Autumn Series, Data  
 19:00 - 20:30 UTC 23 October  
 Geographic Focus: United Kingdom  
 Participation: Worldwide  
 Mode: RTTY, PSK  
 Bands: 80 m Only  
 Classes: 100 W; 10 W  
 Exchange: RST and serial no  
 QSO Points: 1 point per QSO  
 Multipliers: (none)  
 Score Calculation: Total score = total QSO points  
 Submit logs by: 23:59 UTC 26 October 2019  
 Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>  
 Mail logs to: (none)  
 Find rules at:  
<https://www.rsgbcc.org/hf/rules/2019/rautumn.shtml>

NCCC RTTY Sprint  
 01:45 - 02:15 UTC 25 October  
 Geographic Focus: North America  
 Participation: Worldwide  
 Mode: RTTY  
 Bands: (see rules)

Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 27 October 2019  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rttyns.html>

NCCC Sprint  
02:30 - 03:00 UTC 25 October  
Geographic Focus: North America  
Participation: Worldwide  
Mode: CW  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 27 October 2019  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rules.html>

CQ Worldwide DX SSB Contest  
00:00 UTC 26 October to 23:59 UTC, Oct 27  
Geographic Focus: Worldwide  
Participation: Worldwide  
Awards: Worldwide  
Mode: SSB  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op All Band - QRP, low or high; Single Op Single Band - QRP, low or high; Single Op Assisted All Band - QRP, low or high; Single Op Assisted Single Band - QRP, low or high; Single Op Overlays: classic or rookie; Multi-Single – low or high; Multi-Two; Multi-Multi  
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts  
Exchange: RS and CQ Zone no

### Next Week's Contests

QCX Challenge 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 28 October and 03:00 - 04:00 UTC 29 October

Work stations: Once per band  
QSO Points: 0 points per QSO with same country (counts as mult); 1 point per QSO with different country same continent; 2 points per QSO with different country same continent (NA); 3 points per QSO with different continent  
Multipliers: Each CQ zone once per band; Each country once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 23:59 UTC 1 November 2019  
E-mail logs to: (web upload preferred)  
Upload log at:  
<http://www.cqww.com/logcheck/>  
Web-to-Cabrillo form:  
[http://www.b4h.net/cabforms/cqwwssb\\_cab.php](http://www.b4h.net/cabforms/cqwwssb_cab.php)  
Mail logs to: CQ WW DX Contest; Box 481, New Carlisle, OH 45344, USA  
Find rules at:  
<http://www.cqww.com/rules.htm>

QCX Challenge  
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 28 October and 03:00 - 04:00 UTC 29 October  
Geographic Focus: Worldwide  
Participation: Worldwide  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op  
Max power: HP: >5 watts; QRP: 5 watts  
Exchange: RST, name, state, province or country and Rig  
Work stations: Once per band  
QSO Points: 3 points per QSO with QCX station; 1 point per QSO with non-QCX station  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 04:00 UTC 31 October 2019  
Post log summary at:  
<http://www.3830scores.com>  
Mail logs to: (none)  
Find rules at: <http://www.grp-labs.com/party.html>

Phone Fray 02:30 - 03:00 UTC 30 October

CWops Mini-CWT Test 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 30 October and 03:00 - 04:00 UTC 31 October

UKEICC 80 m Contest, 20:00 - 21:00 UTC 30 October

RSGB 80 m SSB Autumn Series, 19:00 - 20:30 UTC 31 October

NCCC RTTY Sprint, 01:45 - 02:15 UTC 1 November

NCCC Sprint, 02:30 - 03:00 UTC 1 November

Silent Key Memorial Contest, 06:00 - 08:59 UTC 1 November

Zombie Shuffle 16:00 - 24:00 local 1 November

IPARC CW Contest, 06:00 - 10:00 UTC and 14:00 - 18:00 UTC 2 November

Ukrainian DX Contest, 12:00 UTC 2 November to 12:00 UTC 3 November

ARRL CW Sweepstakes Contest, 21:00 UTC 2 November to 03:00 UTC 4 November

SA Sprint Contest, 21:00 - 22:59 UTC 2 November

IPARC SSB Contest, 06:00 - 10:00 UTC and 14:00 - 18:00 UTC 3 November

EANET Sprint, 08:00 - 12:00 UTC 3 November

High Speed Club CW Contest, 09:00 - 11:00 UTC and 15:00 - 17:00 UTC 3 November

RSGB FT4 Contest Series, 20:00 - 20:59 UTC 4 November

ARS Spartan Sprint, 02:00 - 04:00 UTC 5 November

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter

It's Cherry Festival time! Visit us near Ficksburg to see

# VINTAGE STEAM TRAINS

SANDSTONE HERITAGE TRUST

Enjoy an unforgettable day with us in the Eastern Free State, see vintage cars & trucks and ride on the Sandstone Heritage Trust's world famous private 2ft Narrow Gauge Vintage Steam Railway.

This wide variety of working South African Heritage lies in the foothills of the Maluti Mountains ... visit us to experience the unique Free State Cherry Festival hospitality.

**STEAM TRAIN RIDES**  
10h00, 12h00, 14h00 & 16h00  
**SO MUCH TO SEE!**

**Picnic Area and Refreshments available**

**NARROW GAUGE RAILWAY WILL BE IN OPERATION**

**MORE TO SEE:** Walking Tours of the farm complex, see the vast collections of old engines and farm equipment — or even take a slow Ox Wagon ride — so much on offer!

**22 & 23 November 2019**

Entrance Fee: R200 pp, R100 per child under age 12  
\* train rides included at 10h00, 12h00, 14h00 & 16h00 \*

On the R26 between Fouriesburg & Ficksburg — Read more: [www.sandstone-estates.com](http://www.sandstone-estates.com)

**ENQUIRIES: Leigh on 051 933 2235 or 079 327 7649**